

Converting Colors

$Y_{xy}(26.0752, 0.3904, 0.1973)$

Have a look what the booklet for
Yxy(26.0752, 0.3904, 0.1973)
contains.

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Color

Yxy(26.0760, 0.3904, 0.1972)

Conversions

Conversions Part 1

Format	Color
Hex	FF1CC4
RGB	255, 28, 196
RGB Percent	100%, 11%, 77%
CMY	0.0000, 0.8903, 0.2314
CMYK	0.00, 0.89, 0.23, 0.00
HSL	316°, 100%, 55%
HSV	316°, 89%, 100%
XYZ	51.6231, 26.0760, 54.5322
YIQ	115.0250, 81.3640, 100.3720

Conversions

Conversions Part 2

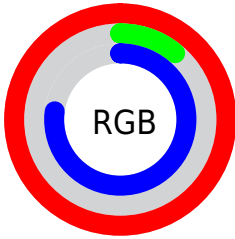
Format	Color
R_{YB}	255, 28, 196
Decimal	16719044
CIE _{Lab}	58.11, 88.51, -31.05
CIE _{LCh}	58, 93.802, 340.667
Yxy	26.0760, 0.3904, 0.1972
Android (android.graphics.Color)	4294909124 (0xFFFF1CC4)
YUV	115.0250, 39.9207, 122.7581
Hunter-Lab	51.0647, 91.0888, -27.5708

Details

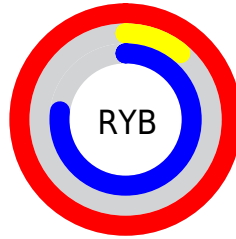
The Yxy color **26.0760, 0.3904, 0.1972** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **72.4540, 0.2889, 0.5514**, and the grayscale version is **17.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2891, 0.3208, 0.1956**, and **13.2905, 0.4017, 0.1986** is the 20% darker color. If you saturate the color by 10%, you get **25.0035, 0.4007, 0.1984**, and if you desaturate by 10%, it is **28.1424, 0.3797, 0.2006**.

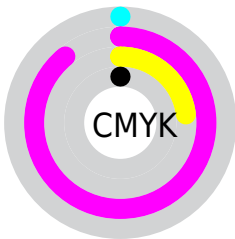
Distribution



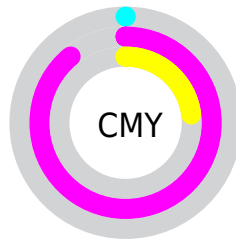
- Red (100%)
- Green (11%)
- Blue (77%)



- Red (100%)
- Yellow (11%)
- Blue (77%)



- Cyan (0%)
- Magenta (89%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (89%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0760, 0.3904, 0.1972 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.0760, 0.3904, 0.1972 by changing the saturation by 10% instead.

 26.0760, 0.3904,
0.1972


 26.0760, 0.3904,
0.1972


283.1550, 0.3524,
0.2603


 16.8805, 0.3995,
0.1826


 53.3975, 0.3769,
0.2193

 10.1493, 0.4108,
0.1647


 72.2923, 0.3717,
0.2279


 5.4981, 0.4254,
0.1422


 95.1891, 0.3673,
0.2352

 2.5424, 0.4445,
0.1137

 122.4721, 0.3635,
0.2416

 0.8978, 0.4700,
0.0779

 154.5258, 0.3602,
0.2471

 0.0000, 0.5227,
0.0000

191.7346, 0.3572,

 0.0000, 0.5526,

0.2520

0.0000

234.4828, 0.3547,
0.2564

■ 0.0000, 0.0000,
0.0000

■ 26.0760, 0.3904,
0.1972

■ 26.0760, 0.3904,
0.1972

■ 25.0035, 0.4007,
0.1984

■ 28.1424, 0.3797,
0.2006

■ 24.9222, 0.4017,
0.1986

■ 31.4625, 0.3689,
0.2088

■ 36.2057, 0.3583,
0.2213

■ 42.5167, 0.3483,
0.2370

■ 50.5219, 0.3391,
0.2550

60.3352, 0.3309,
0.2740

72.0604, 0.3237,
0.2934

85.7934, 0.3175,
0.3125

100.0000, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.0760, 0.2393, 0.1489



26.0760, 0.3904, 0.1972



26.0760, 0.5443, 0.2677

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.0760, 0.3904, 0.1972



26.0760, 0.4404, 0.5479



26.0760, 0.0899, 0.2014

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.0760, 0.3904, 0.1972



72.4540, 0.2889, 0.5514

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.0760, 0.1165, 0.3404



26.0760, 0.3904, 0.1972



26.0760, 0.3146, 0.6260

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.0760, 0.3904, 0.1972



26.0760, 0.5490, 0.4373



26.0760, 0.1961, 0.5460



26.0760, 0.1002, 0.1433

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.0760, 0.3904, 0.1972



26.0760, 0.5959, 0.3190



26.0760, 0.1961, 0.5460



26.0760, 0.0940, 0.2367

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.0740, 0.3904, 0.1972



62.5616, 0.3294, 0.2780



9.9672, 0.1740, 0.0782



12.6003, 0.3320, 0.2714



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0740, 0.3904, 0.1972



24.9222, 0.4017, 0.1986



22.7403, 0.5646, 0.2966



18.2150, 0.3178, 0.3116



13.0481, 0.4001, 0.1977



1.2883, 0.3890, 0.1916

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.0740, 0.3904, 0.1972



24.9222, 0.4017, 0.1986



75.8547, 0.2470, 0.4033



18.2150, 0.3178, 0.3116



13.0481, 0.4001, 0.1977



1.2883, 0.3890, 0.1916

Previews

White Background



This preview shows how the Yxy color 26.0760, 0.3904, 0.1972 looks on a white background.

Color Contrast Check

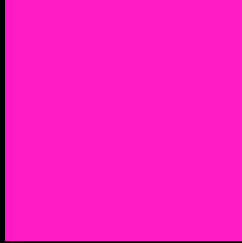
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.0760, 0.3904, 0.1972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

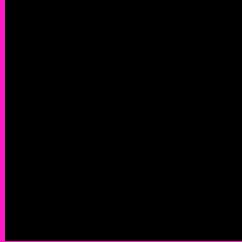
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0760, 0.3904, 0.1972

Background



This preview shows how black text looks on a background with the Yxy color 26.0760, 0.3904, 0.1972.



This preview shows how white text looks on a background with the Yxy color 26.0760, 0.3904, 0.1972.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.0760, 0.3904, 0.1972

Protanopia

26.5776, 0.1952, 0.1715

Deuteranopia

26.3835, 0.2633, 0.2578



Tritanopia

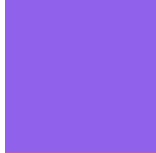
25.9860, 0.5323, 0.3254

Trichromacy



Original Color

26.0760, 0.3904, 0.1972



Protanomaly

20.4192, 0.2334, 0.1556



Deuteranomaly

21.4802, 0.3031, 0.2092



Tritanomaly

24.9579, 0.4869, 0.2734

Monochromacy



Original Color

26.0760, 0.3904, 0.1972



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

16.3071, 0.3485, 0.2383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0760, 0.3904, 0.1972 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 28, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 28, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 196) }
```

Border

The CSS property to change the border of an element to Yxy 26.0760, 0.3904, 0.1972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 28, 196) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 28, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 28, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0760, 0.3904, 0.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 28,  
196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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